KARNATAKA TEST HOUSE PVT. LTD.

MATERIAL TESTING LABORATORY

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Report No. : KTH/BITU/0715-1133h/2014-2015 **Date: 08.07.2014**

TEST REPORT ON SEMI DENSE BITUMINOUS CONCRETE (SDBC)

Name of the Customer*	:	**The Assistant Executive Engineer,** T. Dasarahalli Sub Division, BBMP, Bangalore.
Name of the Project*	:	Improvements & Asphalting to road Kempegowda nagara 1st,2nd,3rd,4th & 5th cross road in Dasarahalli ward No.15.
Name of Contractor*	:	R. Mangalaraju, Bangalore.
Source of Sample	:	Supplied by the Customer.
Sample Received on	:	04.07.2014.
Technical Reference	:	IS 73 :1992 (Reaffirmed-1998) and MORT&H-Specification 4th Revision

a) Gradation for Semi Dense Bituminous Concrete (SDBC)

Sl. No.	Sieve size mm	% Passing	Specification as per MORT&H (Section 500, Table 500-15) % by wt. passing
			Grade-2
1	19	100	-
2	13.2	100	100
3	9.50	93.9	90 – 100
4	4.75	44.2	35 – 51
5	2.36	31.1	24 – 39
6	1.18	16.9	15 – 30
7	0.60	14.4	–
8	0.30	10.1	9 – 19
9	0.15	5.1	–
10	0.075	3.6	3 – 8

b) Bitumen Content of Semi Dense Bituminous Concrete (SDBC)

Sl. No.	Description	Test Values	Remarks
1	Weight of Bitumen mix	938 grams	Bitumen content min 5.0% as per MORT&H Specification
2	Weight of aggregate after extraction of bitumen	891 grams	
3	Weight of Bitumen	47 grams	
4	Bitumen content %	5.01 %	

*As furnished by the customer.

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ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು - 560 073

For **KARNATAKA TEST HOUSE PVT. LTD.**

(SREENIVASA.C.)
TECHNICAL MANAGER

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2) The results listed refer only to the tested samples and applicable parameters.